



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Air System Components, Inc. dba PennBarry
605 Shiloh Rd.
Plano, TX 75074

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series WWC Aluminum Rooftop Gravity Vents

APPROVAL DOCUMENT: Drawing No. **08-01542**, titled "Weather Cap Spun Aluminum – Curb Mount Intake or Exhaust Roof Vent", sheets 1 through 6 of 6, dated 04/09/2012, with revision A dated 02/25/2013, prepared by the manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Carlos M. Utrera, P.E.



AF
08/26/2015

NOA No. 15-0720.09
Expiration Date: September 3, 2020
Approval Date: September 3, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **08-01542**, titled "Weather Cap Spun Aluminum – Curb Mount Intake or Exhaust Roof Vent", sheets 1 through 6 of 6, dated 04/09/2012, with revision A dated 02/25/2013, prepared by the manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1. Test report on Uniform Static Air Pressure Test per FBC, TAS 202-94 along with marked-up drawings and installation diagram of Weather Cap Spun Aluminum Curb Mount Intake or Exhaust Roof Vents, prepared by Architectural Testing, Inc., Test Report No. **B7885.02-801-18**, dated 06/26/2012, with Revision 1 dated 08/21/2012, signed and sealed by Shawn G. Collins, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by Luis R. Lomas, P.E., dated 01/26/2015, signed and sealed by Luis R. Lomas, P.E.

D. QUALITY ASSURANCE

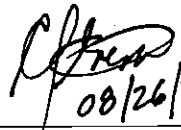
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by L. Roberto Lomas, P.E., dated 07/09/2015, signed and sealed by Luis R. Lomas, P.E.


08/26/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0720.09

Expiration Date: September 3, 2020
Approval Date: September 3, 2015

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	02/25/13	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. (FBC 2003.8.4.2)
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FOR ANCHORING INTO WOOD FRAMING USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
6. FOR ANCHORING INTO CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
7. FOR ANCHORING INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
8. ALL FASTENERS TO BE CORROSION RESISTANT.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2,00 PSI.
 - C. METAL STRUCTURE: STEEL 1/8" THICK, 36KSI (MIN.) OR ALUMINUM 6063-T5 1/8" THICK
10. THIS APPROVAL IS FOR STRUCTURAL PERFORMANCE AND IMPACT RESISTANCE ONLY. INTERIOR MECHANISMAND/OR ELECTRICAL CIRCUITRYARE OUTSIDE THE SCOPE OF THIS APPROVAL.
11. THESE UNITS WERE NOT TESTED FOR WATER PENETRATION PER FBC, TAS 100(A). THEY CANNOT BE INSTALLED WITHIN THE RIDGE AREA (FBC 1523.6.5.2.13)

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES
2	ELEVATIONS
3	BILL OF MATERIALS AND SECTIONS
4 - 6	INSTALLATION DETAILS

Approved as complying with the
Florida Building Code
Date 09/03/2015
NOA# 15-0720.09
Miami Dade Product Control

By [Signature]

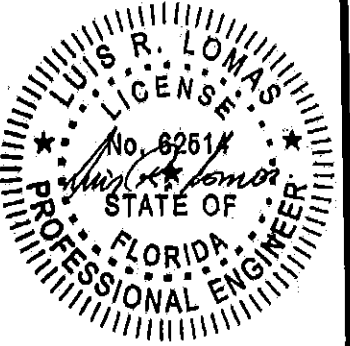
PennBarry

605 SHILOH RD
PLANO, TX 75074

WEATHER CAP SPUN ALUMINUM - CURB MOUNT
INTAKE OR EXHAUST ROOF VENT
GENERAL NOTES

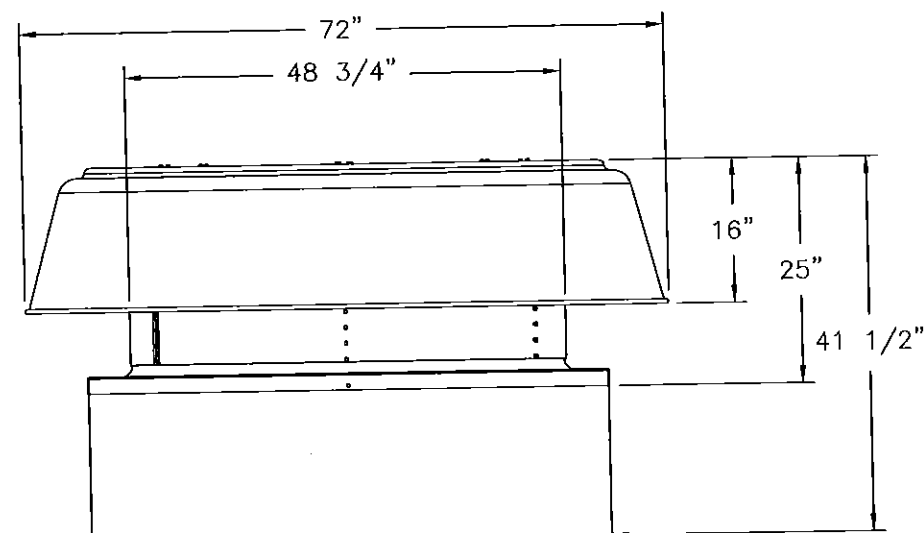
DRAWN: R.L.	DWG NO. 08-01542	REV A
SCALE NTS	DATE 04/09/12	SHEET 1 OF 6

SIGNED: 01/16/2015

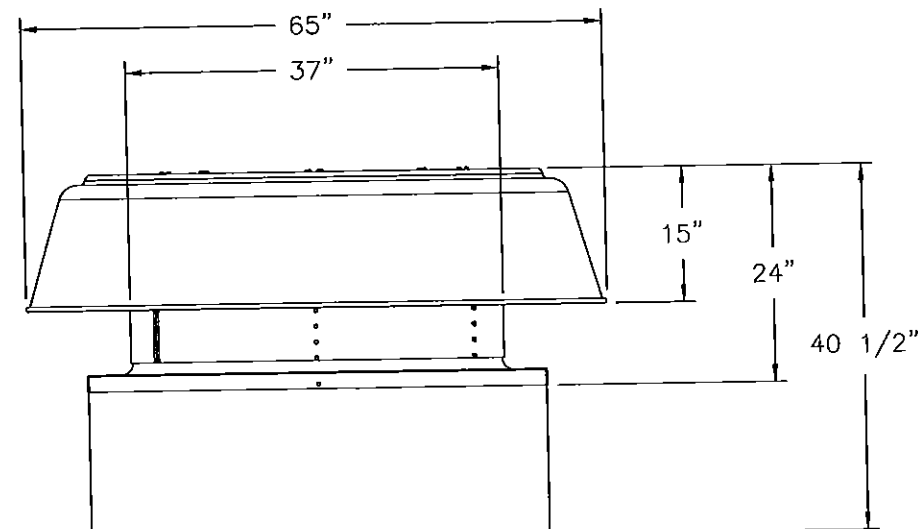


REVISIONS

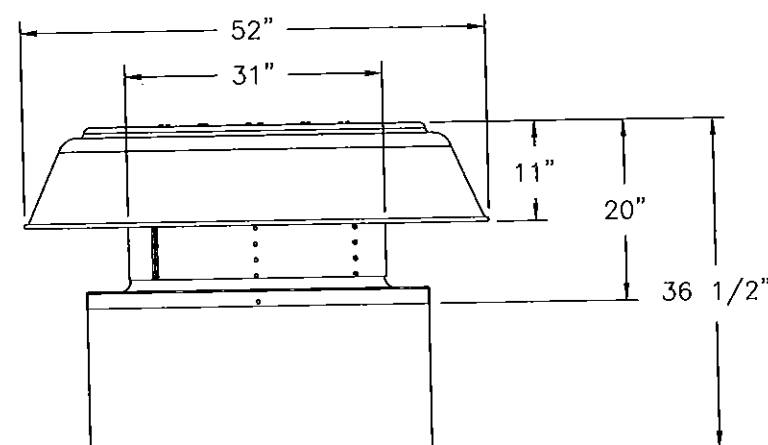
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A	REVISED PER MD COMMENTS	02/25/13	R.L.



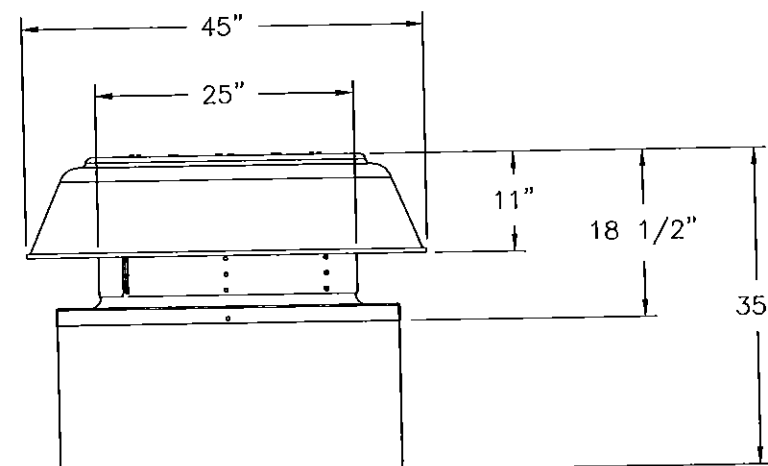
**WCC48 WEATHER CAP SPUN
ALUMINUM- CURB MOUNT**
EXTERIOR VIEW



**WCC36 WEATHER CAP SPUN
ALUMINUM- CURB MOUNT**
EXTERIOR VIEW



**WCC30 WEATHER CAP SPUN
ALUMINUM- CURB MOUNT**
EXTERIOR VIEW



**WCC24 WEATHER CAP SPUN
ALUMINUM- CURB MOUNT**
EXTERIOR VIEW

APPROVED MODELS			
NAME	OUTSIDE DIAMETER (IN)	AIRSSHAFT DIAMETER (IN)	HEIGHT (IN)
WCC06	12.00	7.00	8.50
WCC08	18.50	9.00	11.00
WCC10	21.00	11.00	11.00
WCC12	25.00	13.00	13.00
WCC14	28.00	15.00	13.00
WCC16	30.00	17.00	16.50
WCC18	32.00	19.00	16.50
WCC20	37.00	21.00	18.00
WCC24	45.00	25.00	18.50
WCC30	52.00	31.00	20.00
WCC36	65.00	37.00	24.00
WCC42	67.00	43.00	25.00
WCC48	72.00	49.00	25.00

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	NONE

SIGNED: 01/16/2015

Approved as complying with the
Florida Building Code
Date 09/03/2015
NOA# 15-0720.39
Miami Dade Product Control

By [Signature]

PennBarry

605 SHILOH RD
PLANO, TX 75074

WEATHER CAP SPUN ALUMINUM – CURB MOUNT
INTAKE OR EXHAUST ROOF VENT
ELEVATIONS

DRAWN:

R.L.

DWG NO.

08-01542

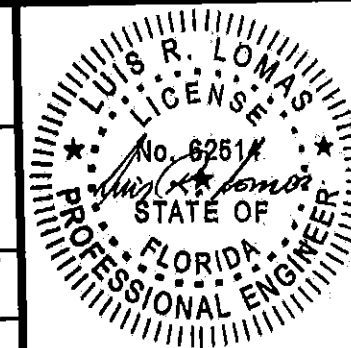
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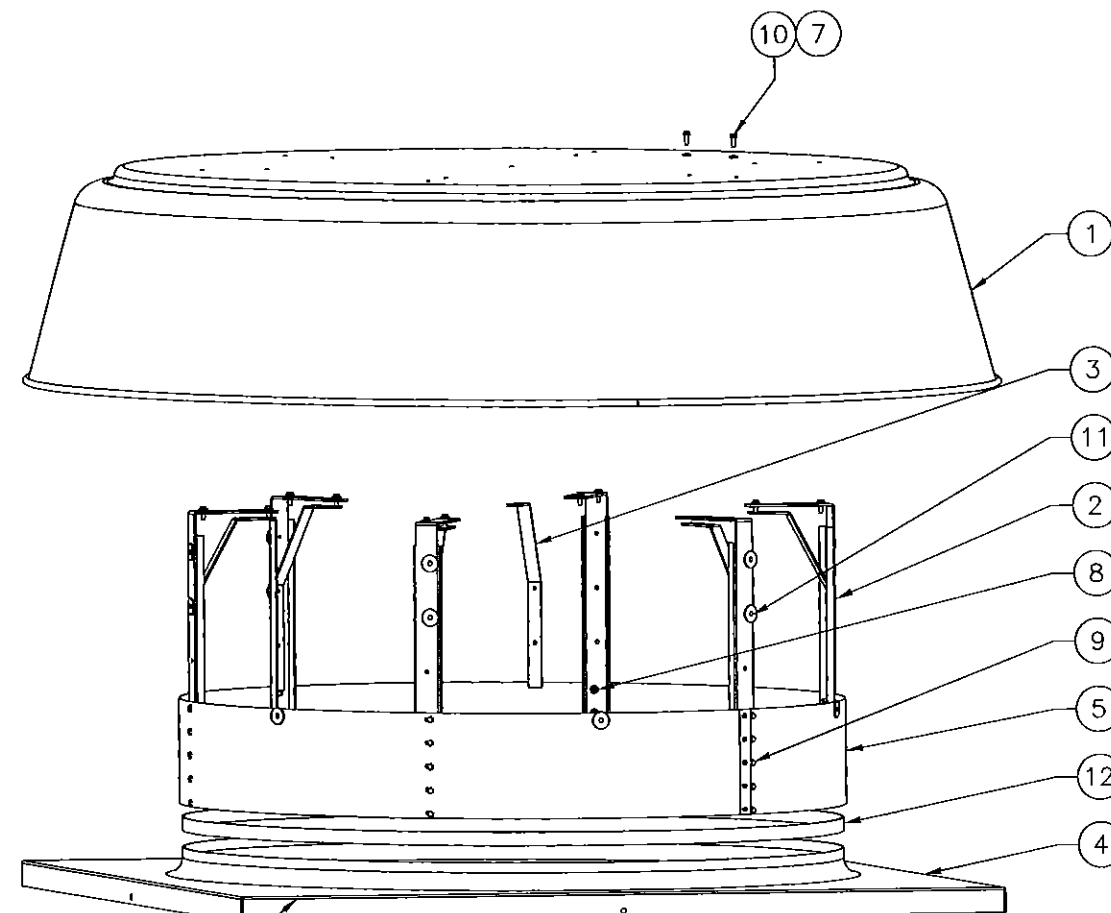
DATE 04/09/12

SHEET 2 OF 6



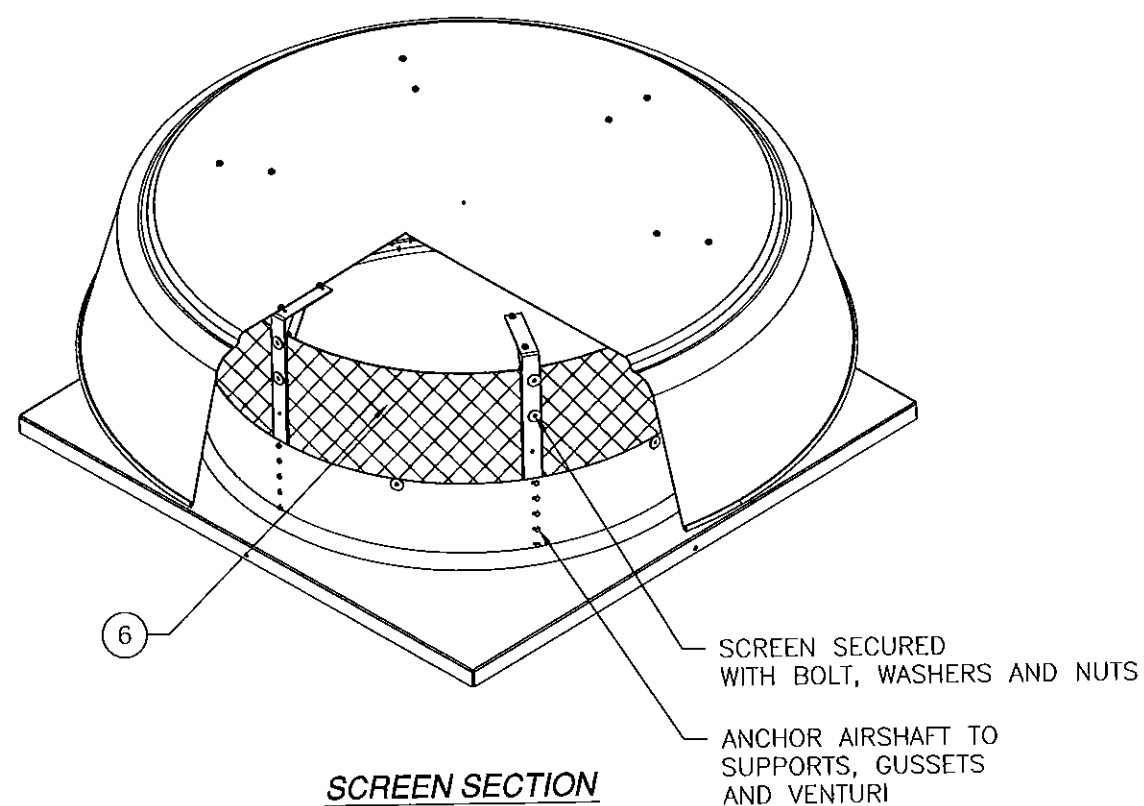
PART LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	19240-0	HOOD WEATHERCAP	PENN BARRY	ALUMINUM 3003-H0 1/8" THICK
2	19251-0	SUPPORT WCC48	PENN BARRY	GALVANIZED STEEL 10GA (.134")
3	19252-0	GUSSET WCC48	PENN BARRY	GALVANIZED STEEL 10GA (.134")
4	19265-0	WEATHER CAP CURB MOUNT	PENN BARRY	ALUMINUM 3003-H14 .08" THICK
5	19279-0	AIRSHAFT WCC48	PENN BARRY	ALUMINUM 3003-H14 .08" THICK
6	19292	BIRD SCREEN WCC	PENN BARRY	ALUMINUM 3003-H14 .04" THICK
7	55407-0	NEOPRENE WASHER 14X.63	PENN BARRY	
8	55500-0	WHIZ NUT 1/4-20	PENN BARRY	
9	55696-0	WHIZ BOLT 1/4-20X3/4"	PENN BARRY	
10	55852-0	SELF DRILLING SCREW 1/4-20X3/4"	PENN BARRY	
11	55442-0	WASHER 1/4 x1 1/4	PENN BARRY	
12	63106-0	CROSSLINK FOAM 1/8" x 1"	PENN BARRY	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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CONTINUOUS WELD

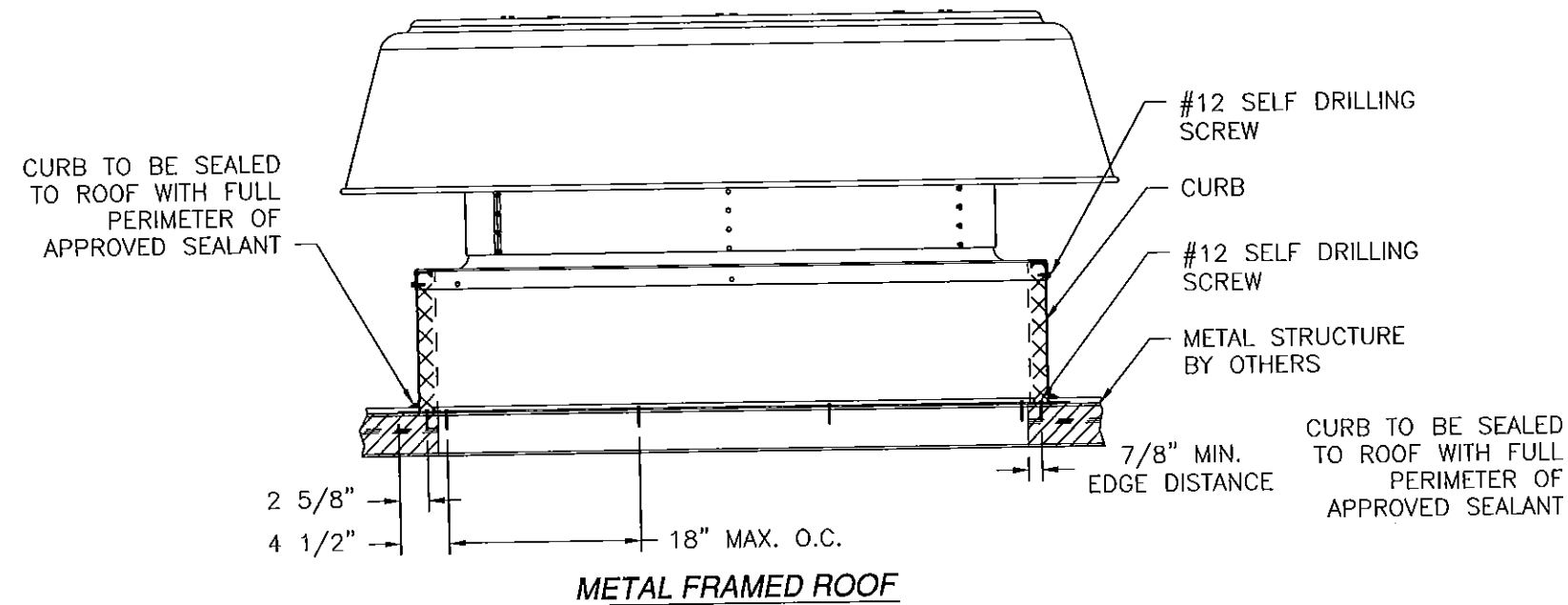
CROSS SECTION



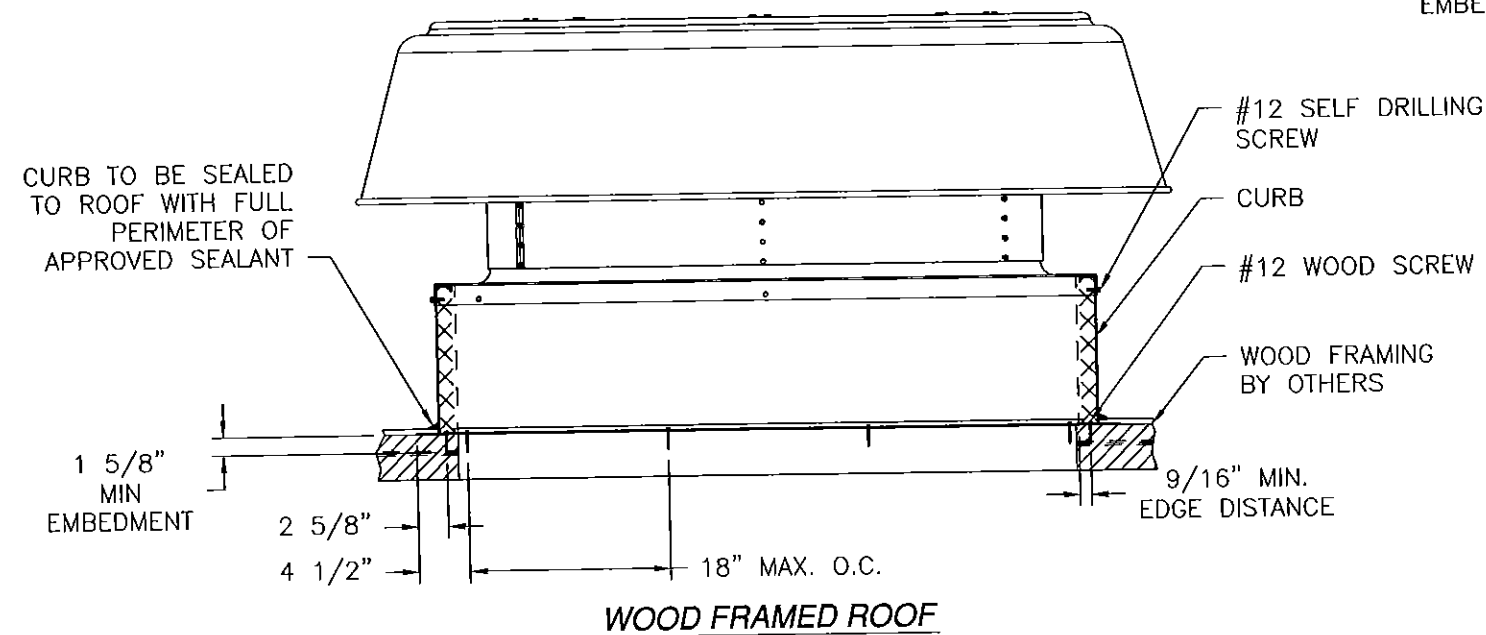
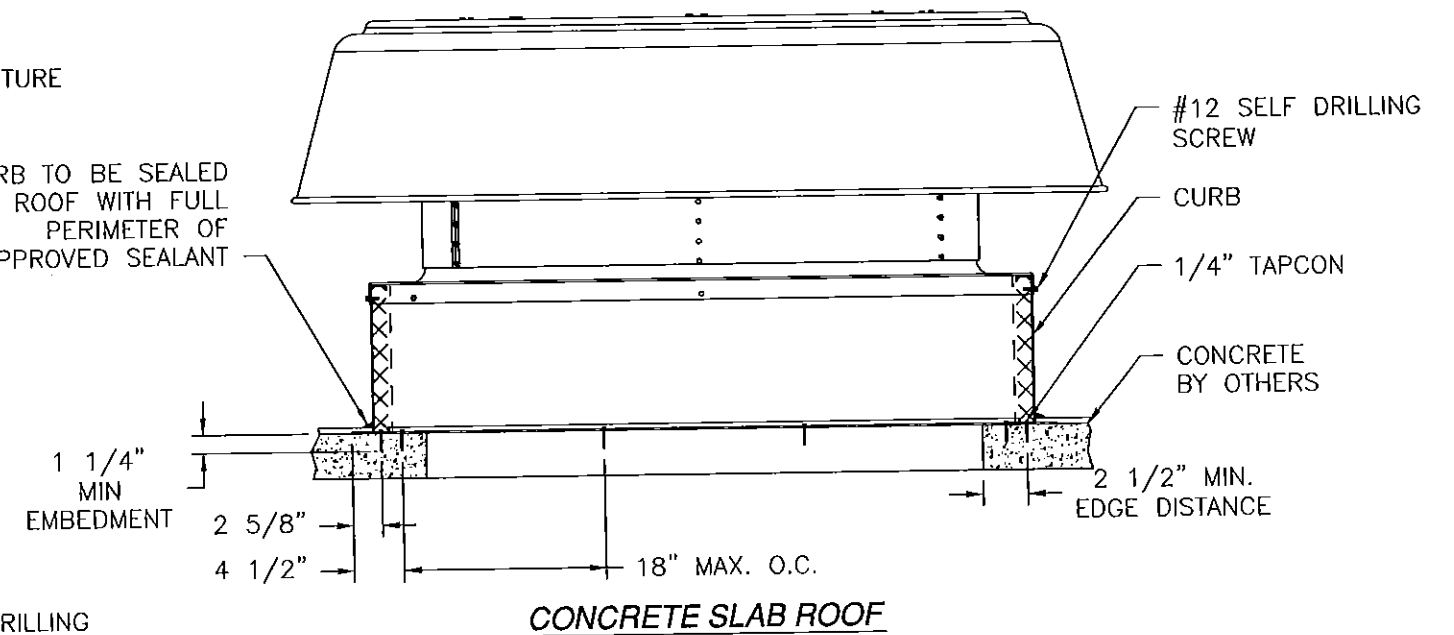
SIGNED: 01/16/2015

Approved as complying with the Florida Building Code Date <u>04/03/2015</u> NOA# <u>15-0720.09</u> Miami Dade Product Control By <u>[Signature]</u>		PennBarry 605 SHILOH RD PLANO, TX 75074		No. 82514 STATE OF FLORIDA PROFESSIONAL ENGINEER
		WEATHER CAP SPUN ALUMINUM - CURB MOUNT INTAKE OR EXHAUST ROOF VENT BILL OF MATERIALS AND SECTIONS		
DRAWN: R.L.	DWG NO. 08-01542	REV A		
SCALE NTS	DATE 04/09/12	SHEET 3 OF 6		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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CURB TO BE SEALED TO ROOF WITH FULL PERIMETER OF APPROVED SEALANT



NOTES:

1. ALL FOUR SIDES OF CURB AND BASE ARE ANCHORED IDENTICALLY.
2. ROOF CURB IS INSTALLED TO ROOF FIRST. ONCE CURB IS INSTALLED FAN IS ATTACHED TO CURB USING #12 SELF DRILLING SCREWS AS SHOWN ABOVE.
3. SEE SHEET 5, COMPONENTS FOR ROOF CURB CONSTRUCTION.
4. UNITS MAYBE INSTALLED WITH ALUMINUM 3003-H14 CURB.

SIGNED: 01/16/2015

Approved as complying with the
Florida Building Code
Date 09/03/2015
By NOAH
Miami Dade Product Control

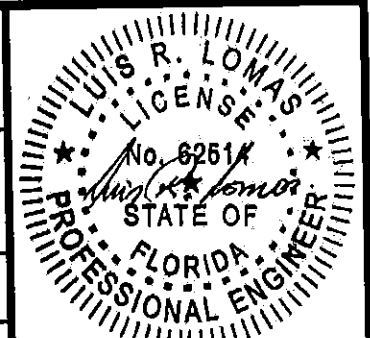
By R.L.

PennBarry

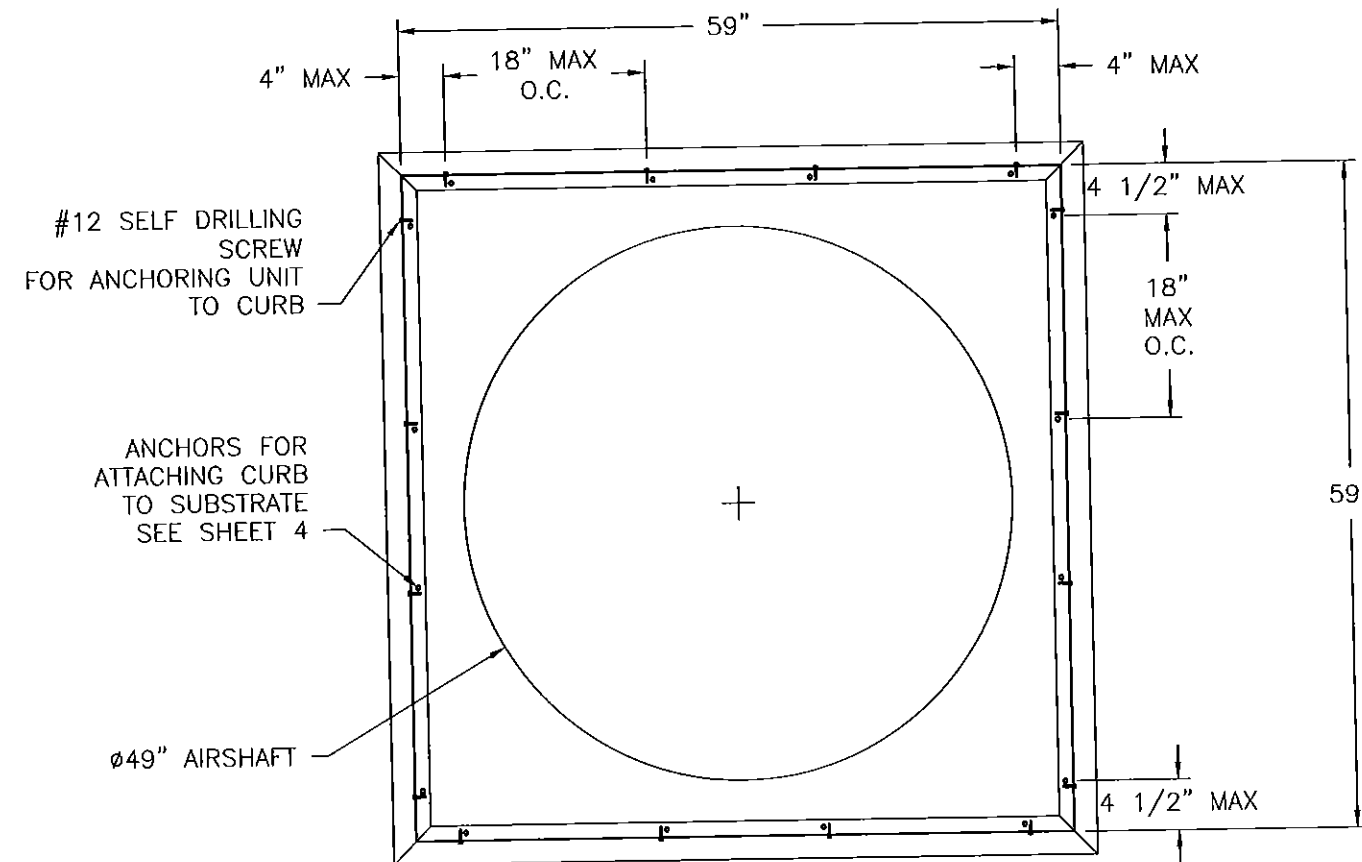
605 SHILOH RD
PLANO, TX 75074

WEATHER CAP SPUN ALUMINUM - CURB MOUNT
INTAKE OR EXHAUST ROOF VENT
INSTALLATION DETAILS

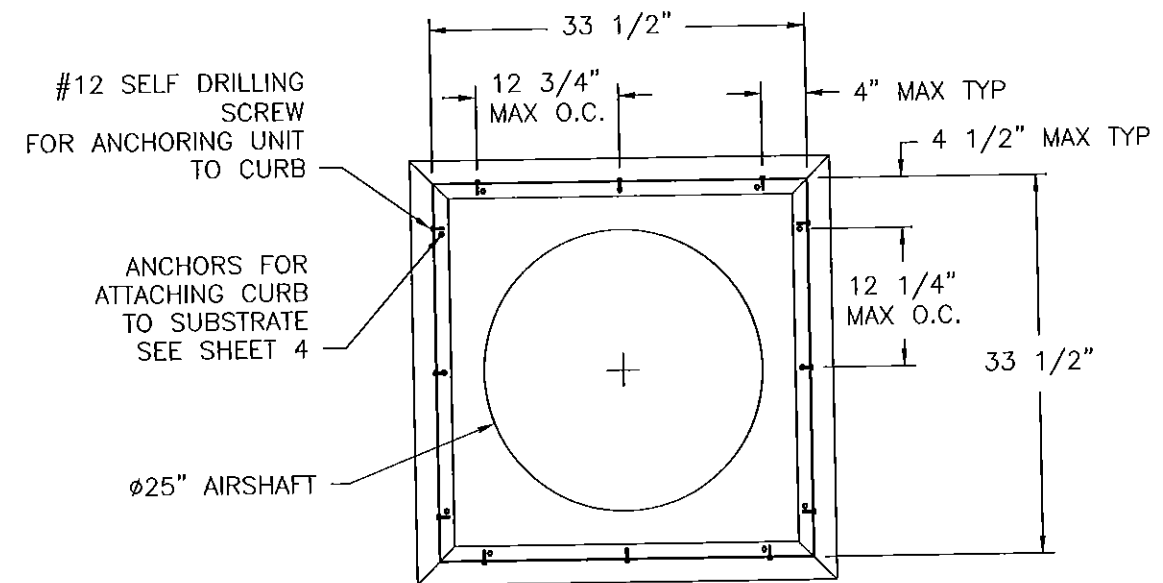
DRAWN: R.L.	DWG NO. 08-01542	REV A
SCALE NTS	DATE 04/09/12	SHEET 4 OF 6



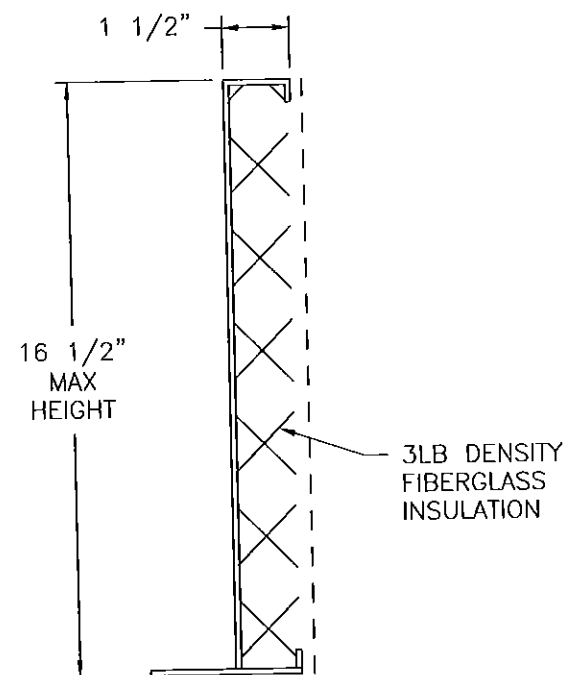
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WCC48 PLAN VIEW INSTALLATION DETAIL
HOOD AND INTERIOR COMPONENTS NOT SHOWN FOR CLARITY



WCC24 PLAN VIEW INSTALLATION DETAIL
HOOD AND INTERIOR COMPONENTS NOT SHOWN FOR CLARITY



ROOF CURB
ALUMINUM 3003-H14 10GA. .125" THICK
MI VALUE: X = 51.1390
Y = .7384

SIGNED: 01/16/2015

Approved as complying with the
Florida Building Code
Date 09/03/2015
NOA# 15-0720.09
Miami Dept. Product Control

By [Signature]

PennBarry

605 SHILOH RD
PLANO, TX 75074

WEATHER CAP SPUN ALUMINUM – CURB MOUNT
INTAKE OR EXHAUST ROOF VENT
INSTALLATION DETAILS

DRAWN:

R.L.

DWG NO.

08-01542

REV

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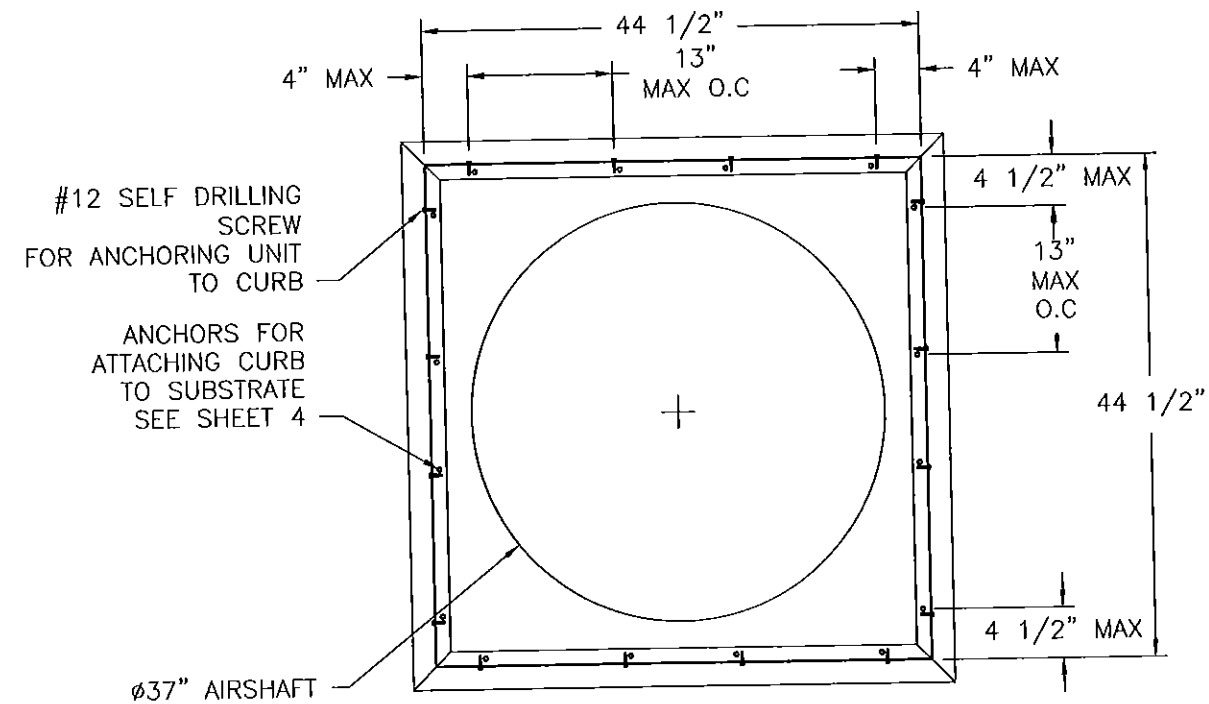
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DATE 04/09/12

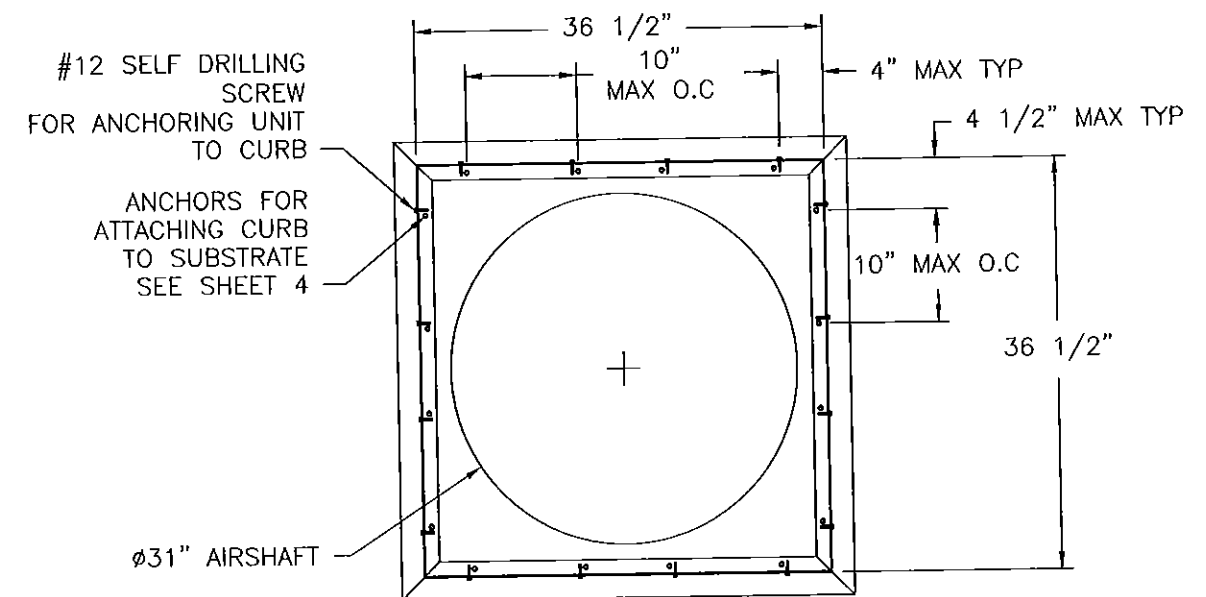
SHEET 5 OF 6



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	02/25/13	R.L.



WCC36 PLAN VIEW INSTALLATION DETAIL
HOOD AND INTERIOR COMPONENTS NOT SHOWN FOR CLARITY



WCC30 PLAN VIEW INSTALLATION DETAIL
HOOD AND INTERIOR COMPONENTS NOT SHOWN FOR CLARITY

SIGNED: 01/16/2015

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605 SHILOH RD
PLANO, TX 75074

WEATHER CAP SPUN ALUMINUM - CURB MOUNT
INTAKE OR EXHAUST ROOF VENT
INSTALLATION DETAILS

DRAWN:

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08-01542

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SCALE NTS

DATE 04/09/12

SHEET 6 OF 6

